



TRANSMITTAL FORM

Attorney Docket No.
BC999041/1434P2663
AIn re the application: **Marcus WAGNER**Serial No: **09/421,806**Group Art Unit: **2663**Filed: **October 20, 1999**Examiner: **Juntima, Nittaya**For: **Method and System for a Real-Time Bandwidth Allocation Scheduler for Media Delivery**

| ENCLOSURES (check all that apply) | | | | | |
|-------------------------------------|-------------------------------------|--|--|--|---|
| <input checked="" type="checkbox"/> | Amendment/Reply | <input type="checkbox"/> | Assignment and Recordation Cover Sheet | <input type="checkbox"/> | After Allowance Communication to Group |
| <input type="checkbox"/> | After Final | <input type="checkbox"/> | Part B-Issue Fee Transmittal | <input type="checkbox"/> | Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> | Information disclosure statement | <input type="checkbox"/> | Letter to Draftsman | <input type="checkbox"/> | Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> | Form 1449 | <input checked="" type="checkbox"/> | Amended Drawings (4 sheets) | <input type="checkbox"/> | Status Letter |
| <input type="checkbox"/> | (X) Copies of References | <input type="checkbox"/> | Petition | <input checked="" type="checkbox"/> | Postcard |
| <input type="checkbox"/> | Extension of Time Request * | <input type="checkbox"/> | Fee Address Indication Form | <input type="checkbox"/> | Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> | Express Abandonment | <input type="checkbox"/> | Terminal Disclaimer | RECEIVED MAR 27 2003 Technology Center 2600 | |
| <input type="checkbox"/> | Certified Copy of Priority Doc | <input type="checkbox"/> | Power of Attorney and Revocation of Prior Powers | | |
| <input type="checkbox"/> | Response to Incomplete Appln | <input type="checkbox"/> | Change of Correspondence Address | | |
| <input type="checkbox"/> | Response to Missing Parts | *Extension of Term: Pursuant to 37 CFR 1.136, Applicant petitions the Commissioner to extend the time for response for xxxxx month(s), from to . | | | |
| <input type="checkbox"/> | Executed Declaration by Inventor(s) | | | | |

| CLAIMS | | | | | |
|--------------------|----------------------------------|---|--------------|------------|----------|
| FOR | Claims Remaining After Amendment | Highest # of Claims Previously Paid For | Extra Claims | RATE | FEE |
| Total Claims | 43 | 43 | 0 | \$18.00 | \$ 0.00 |
| Independent Claims | 15 | 9 | 6 | \$84.00 | \$504.00 |
| | | | | Total Fees | \$504.00 |

| METHOD OF PAYMENT | |
|-------------------------------------|--|
| <input type="checkbox"/> | Check no. _____ in the amount of \$ _____ is enclosed for payment of fees. |
| <input checked="" type="checkbox"/> | Charge \$504.00 to Deposit Account No. 09-0460 (IBM Corporation) for payment of fees. |
| <input checked="" type="checkbox"/> | Charge any additional fees or credit any overpayment to Deposit Account No. 09-0460 (IBM Corporation). |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|------------------------------|
| Attorney Name | Michele Liu, Reg. No. 44,875 |
| Signature | |
| Date | March 13, 2003 |

| CERTIFICATE OF MAILING | |
|--|--------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: March 13, 2003 | |
| Type or printed name | Grace Alicea |
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Grace Alicea

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Date: March 13, 2003

Marcus WAGNER

Serial No.: 09/421,806

Group Art Unit: 2663

Filed: October 20, 1999

Examiner: Juntima, Nittaya

For: METHOD AND SYSTEM FOR A REAL-TIME BANDWIDTH ALLOCATION
SCHEDULER FOR MEDIA DELIVERY

Assistant Commissioner of Patents
Washington, D.C. 20231

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Technology Center 2600

AMENDMENT

Sir:

In response to the Office Action dated December 19, 2002, please amend the
above-identified application in the following manner:

IN THE SPECIFICATION

Please amend the Abstract to the following:

The present invention provides a method and system for providing a bandwidth allocation scheduler for media delivery. The present invention includes determining an available bandwidth for file transmission for a time interval, and allocating at least a portion of the available bandwidth to at least one file transmission task, wherein a different amount of the available bandwidth may be allocated to each of the at least one file transmission tasks. The bandwidth allocation scheduler in accordance with the present invention comprises a set of